

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. 8028-1050 U.S. Application No. 107518510
INTERNATIONAL APPLN. NO. PCT/JP2003/007856	INTERNATIONAL FILING DATE June 20, 2003	PRIORITY DATE CLAIMED June 21, 2002
TITLE OF INVENTION: OPTICAL WAVEGUIDE CIRCUIT AND MANUFACTURING METHOD THEREOF		
APPLICANT(S) FOR DO/EO/US: Tsuyoshi SHIMODA		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4) <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv).)) <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)). <input checked="" type="checkbox"/> A preliminary amendment. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard <input type="checkbox"/> A substitute specification. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) <ol style="list-style-type: none"> <input type="checkbox"/> Newly executed Power of Attorney <input type="checkbox"/> A change of Power of Attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). <input checked="" type="checkbox"/> Other items or information: <u>Abstract, International Search Report, PCT/IPEA/409/ (International Preliminary Examination Report)</u> 		

U.S. APPLICATION NO.		107518510	INTERNATIONAL APPLN. NO.	PCT/JP2003/007856	ATTORNEY DOCKET NO.	8028-1050
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> The following fees are submitted:					CALCULATIONS PTO USE ONLY	
PCT FEES - NATIONAL STAGE						
Large Entity		Small Entity		<u>Fee Description</u>		
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1631	300.00	2631	150.00	Basic National Stage Fee		
1632	500.00	2632	250.00	National Stage Search Fee		
1633	200.00	2633	100.00	National Stage Examination Fee		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)					\$0.00	
SIZE FEE Plant size fee each additional 50 sheets in excess of 100 Fee Code 1681/2681		Additional Sheets 39 - 100 = _____ = _____ X 50		Fee From Below <u>\$250.00</u>	\$0.00	
CLAIMS		NUMBER FILED 8 - 3 =	NUMBER EXTRA 5	RATE x \$200.00	\$1,000.00	
Total Claims	Fee Codes 1615 / 2615	21 - 20 =	1	x \$50.00	\$50.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616					+ \$360.00	\$0.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).Fee Code 1618					\$0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property					+ 40.00	
TOTAL FEES ENCLOSED =					<u>\$2,090.00</u>	
					Amount to be refunded: Charged:	\$
<input checked="" type="checkbox"/> A check in the amount of \$2,090.00 to cover the above fees is attached. <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.						
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23rd Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573						
 SIGNATURE <u>Eric Jensen, Reg. No. 37,855</u> <u>NAME, REGISTRATION NUMBER</u>						
Y&T Customer No. 00466 EJ/yr <u>December 21, 2004</u> <u>DATE</u>						